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Terms	Documents
(l1 same l4) and l5	268

Database:

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Search:

L7

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DATE: Tuesday, February 04, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	(l1 same l4) and l5	268	<u>L7</u>
<u>L6</u>	stereoregular	3664	<u>L6</u>
<u>L5</u>	isotactic	11674	<u>L5</u>
<u>L4</u>	silicon	695036	<u>L4</u>
<u>L3</u>	catalyst	649257	<u>L3</u>
<u>L2</u>	polymerization	328448	<u>L2</u>
<u>L1</u>	metallocene	11959	<u>L1</u>

END OF SEARCH HISTORY

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L7: Entry 1 of 268

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030008985

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030008985 A1

TITLE: CATALYST SYSTEM AND ITS USE IN A POLYMERIZATION PROCESS

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Holtcamp, Matthew W.	Huffman	TX	US	
Pham, Tan H.	Houston	TX	US	

US-CL-CURRENT: 526/134, 502/102, 502/103, 502/150, 502/152, 502/153, 502/154, 502/155, 502/162, 502/167, 526/160, 526/170, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMC](#)☐ 2. Document ID: US 20030008980 A1

L7: Entry 2 of 268

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030008980

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030008980 A1

TITLE: Polymerization process

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mawson, Simon	Charleston	WV	US	
Kao, Sun-Chueh	Belle Mead	NJ	US	
Kwalk, Tae Hoon	Belle Mead	NJ	US	
Lynn, Timothy Roger	Hackettstown	NJ	US	
McConville, David H.	Houston	TX	US	
McKee, Matthew Gary	Charleston	WV	US	
Szul, John Francis	Nitro	WV	US	
Terry, Kersten Anne	South Charleston	WV	US	
Wenzel, Timothy T.	Charleston	WV	US	
Goode, Mark Gregory	Hurricane	WV	US	
Oskam, John Henry	Flemington	NJ	US	
Jorgensen, Robert J.	Belle Mead	NJ	US	
Vogel, Robert Harold	Ringoes	NJ	US	

US-CL-CURRENT: 526/61; 526/113, 526/348.1, 526/905

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 3. Document ID: US 20020198336 A1

L7: Entry 3 of 268

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198336

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198336 A1

TITLE: Thermoplastic compositions of isotactic propylene polymers and flexible propylene polymers having reduced isotacticity and a process for the preparation thereof

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Resconi, Luigi	Ferrara		IT	
Ferraro, Angelo	Bologna		IT	
Baruzzi, Giovanni	Ferrara		IT	

US-CL-CURRENT: 526/90

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 4. Document ID: US 20020198327 A1

L7: Entry 4 of 268

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198327

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198327 A1

TITLE: Process of preparing maleic anhydride modified polyolefins by the oxidation adducts of borane and maleic anhydride

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chung, Tze-Chiang	State College	PA	US	

US-CL-CURRENT: 525/251

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 5. Document ID: US 20020193537 A1

L7: Entry 5 of 268

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020193537

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020193537 A1

TITLE: Method for varying the melting points and molecular weights of polyolefins using metallocene catalyst systems

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ewen, John A.	Houston	TX	US	

US-CL-CURRENT: 526/150; 526/151, 556/11, 556/20, 556/87

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 6. Document ID: US 20020173599 A1

L7: Entry 6 of 268

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020173599

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020173599 A1

TITLE: Manufacture of stereoregular polymers

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Goode, Mark Gregory	Hurricane	WV	US	
Williams, Clark Curtis	Charleston	WV	US	
Lynn, Timothy Roger	Hackettstown	NJ	US	
Brady, Robert Converse III	Houston	TX	US	
Moffett, Jody Michael	Charleston	WV	US	

US-CL-CURRENT: 526/88; 502/152, 502/9, 526/160, 526/351, 526/62, 526/66, 526/68, 526/69, 526/70, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 7. Document ID: US 20020169260 A1

L7: Entry 7 of 268

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169260

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169260 A1

TITLE: Process for the preparation of ligands for metallocene catalysts

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Resconi, Luigi	Ferrara		IT	
Moscardi, Gilberto	Ferrara		IT	
Silvestri, Rosanna	Schio		IT	
Balboni, Davide	Ferrara		IT	

US-CL-CURRENT: 526/127; 526/160, 526/943, 556/11, 556/136, 556/87

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 8. Document ID: US 20020161145 A1

L7: Entry 8 of 268

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161145 A1

TITLE: Method for preparing a supported catalyst system and its use in a polymerization process

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuo, Chi-I	Humble	TX	US	
Agapiou, Agapios K.	Humble	TX	US	
Ackerman, Steven K.	Baytown	TX	US	
Zhang, Simon X.	Houston	TX	US	

US-CL-CURRENT: 526/170; 502/152, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 9. Document ID: US 20020161141 A1

L7: Entry 9 of 268

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161141
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020161141 A1

TITLE: Polymerization process

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mawson, Simon	Blue Bell	PA	US	
Kao, Sun-Chueh	Hillsboro	NJ	US	
Kwalk, Tae Hoon	Belle Mead	NJ	US	
Lynn, Timothy Roger	Hackettstown	NJ	US	
McConville, David H.	Houston	TX	US	
McKee, Matthew Gary	Blacksburg	VA	US	
Szul, John Francis	5 Lake Lane	WV	US	
Terry, Kersten Anne	South Charleston	WV	US	
Wenzel, Timothy T.	Charleston	WV	US	
Goode, Mark Gregory	Hurricane	WV	US	
Oskam, John Henry	Flemington	NJ	US	
Jorgensen, Robert J.	Belle Mead	NJ	US	
Vogel, Robert Harold	Ringoes	NJ	US	

US-CL-CURRENT: 526/113; 526/114, 526/118, 526/119, 526/129, 526/348.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 10. Document ID: US 20020161123 A1

L7: Entry 10 of 268

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161123
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020161123 A1

TITLE: Dyeable polyolefin fibers and rabrics

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Sheng-Shing	Danbury	CT	US	
Leggio, Andrew J.	Franklin Square	NY	US	
Ergenc, Nadi	Therwil		CH	

US-CL-CURRENT: 525/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 11. Document ID: US 20020147105 A1

L7: Entry 11 of 268

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147105
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020147105 A1

TITLE: Process for producing stereospecific polymers

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shamshoum, Edwar S.	Houston	TX	US	
Lopez, Margarito	Pasadena	TX	US	

US-CL-CURRENT: 502/103; 502/102, 502/117, 502/150, 526/129, 526/153, 526/160, 526/346, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 12. Document ID: US 20020146560 A1

L7: Entry 12 of 268

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146560
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020146560 A1

TITLE: Reduced shrinkage in metallocene isotactic polypropylene fibers

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gownder, Mohan	Odessa	TX	US	
Nguyen, Jay	Pasadena	TX	US	

US-CL-CURRENT: 428/364

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 13. Document ID: US 20020143119 A1

L7: Entry 13 of 268

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020143119
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020143119 A1

TITLE: Catalyst modifier and its use in the polymerization of olefin(s)

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wenzel, Timothy T.	Charleston	WV	US	
Schreck, David James	Cross Lanes	WV	US	
Peterson, Thomas H.	Charleston	WV	US	

US-CL-CURRENT: 526/74; 502/152, 502/155, 526/160, 526/161, 526/172, 526/89, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 14. Document ID: US 20020137861 A1

L7: Entry 14 of 268

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137861
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020137861 A1

TITLE: Polymerization process

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Song, Woo Min	Whitehouse Station	NJ	US	

US-CL-CURRENT: 526/129; 526/160, 526/943, 526/96

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 15. Document ID: US 20020137624 A1

L7: Entry 15 of 268

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137624
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020137624 A1

TITLE: Method for the preparation of metallocene catalysts

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gauthier, William John	Houston	TX	US	
Lopez, Margarito	Pasadena	TX	US	
Rauscher, David John	Angleton	TX	US	
Campbell, Don Gordon JR.	Webster	TX	US	
Kerr, Margaret Elaine	Worcester	MA	US	

US-CL-CURRENT: 502/117; 502/102, 502/103, 502/150, 502/240, 502/242

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 16. Document ID: US 20020137623 A1

L7: Entry 16 of 268

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137623
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020137623 A1

TITLE: Method for the preparation of metallocene catalysts

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gauthier, William John	Houston	TX	US	
Lopez, Margarito	Pasadena	TX	US	
Campbell, Donald Gordon JR.	Webster	TX	US	

US-CL-CURRENT: 502/102; 502/103, 502/117, 502/150

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 17. Document ID: US 20020132944 A1

L7: Entry 17 of 268

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020132944
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020132944 A1

TITLE: Polymerization Process

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agapiou, Agapios K.	Humble	TX	US	
Kuo, Chi-I	Humble	TX	US	

US-CL-CURRENT: 526/160; 502/152, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 18. Document ID: US 20020128406 A1

L7: Entry 18 of 268

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128406
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128406 A1

TITLE: PROCESS FOR POLYMERIZING UNSATURATED POLYALKYLPIPERIDINES

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
WILEN, CARL-ERIC MAGNUS	ESBO		FI	
NASMAN, JAN ANDERS HARRY	UPPSALA		SE	
STEINMANN, ALFRED	PRAROMAN		CH	

US-CL-CURRENT: 526/160; 526/161, 526/204, 526/217, 526/348.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KWC

☐ 19. Document ID: US 20020128401 A1

L7: Entry 19 of 268

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128401

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128401 A1

TITLE: SELF-SUPPORTED HYBRD CATALYSTS FOR THE PRODUCTION OF POLYOLEFINS

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
JOB, ROBERT CHARLES	BOUND BROOK	NJ	US	
REICHLE, WALTER THOMAS	WARREN	NJ	US	

US-CL-CURRENT: 526/116; 526/113, 526/114, 526/118, 526/119, 526/348.2, 526/348.5, 526/348.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KWC

☐ 20. Document ID: US 20020123579 A1

L7: Entry 20 of 268

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123579

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020123579 A1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agapiou, Agapios Kyriacos	Humble	TX	US	
Kuo, Chi-I	Humble	TX	US	
Glowczwski, David Michael	Baytown	TX	US	
Ackerman, Steven Kent	Baytown	TX	US	

US-CL-CURRENT: 526/113; 502/152, 526/160, 526/82, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 21. Document ID: US 20020115803 A1

L7: Entry 21 of 268

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115803

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115803 A1

TITLE: Support materials for use with polymerization catalysts

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peterson, Thomas Henry	Charleston	WV	US	
Nagaki, Dick Alan	South Charleston	WV	US	

US-CL-CURRENT: 526/160; 502/104, 502/152, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 22. Document ID: US 20020111444 A1

L7: Entry 22 of 268

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111444

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020111444 A1

TITLE: Alpha olefin polymer products and catalyst systems

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ewen, John A.	Houston	TX	US	

US-CL-CURRENT: 526/160; 502/152, 526/127, 526/348, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 23. Document ID: US 20020111264 A1

L7: Entry 23 of 268

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111264
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020111264 A1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agapiou, Agapios Kyriacos	Humble	TX	US	
Kuo, Chi-I	Humble	TX	US	
Glowczwski, David M.	Baytown	TX	US	
Ackerman, Steven K.	Baytown	TX	US	

US-CL-CURRENT: 502/150; 502/102, 502/103, 502/152, 502/161, 502/162, 502/170, 526/348

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 24. Document ID: US 20020107344 A1

L7: Entry 24 of 268

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107344
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020107344 A1

TITLE: Supprt materials for use with polymerization catalysts

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peterson, Thomas Henry	Charleston	WV	US	

US-CL-CURRENT: 526/160; 502/104, 502/152, 502/159, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 25. Document ID: US 20020107342 A1

L7: Entry 25 of 268

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107342
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020107342 A1

TITLE: Polymerization process

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mawson, Simon	Charleston	WV	US	
Kao, Sun-Chueh	Belle Mead	NJ	US	
Kwalk, Tae Hoon	Belle Mead	NJ	US	
Lynn, Timothy Roger	Hackettstown	NJ	US	
McConville, David H.	Houston	TX	US	
McKee, Matthew Gary	Charleston	WV	US	
Szul, John Francis	Nitro	WV	US	
Terry, Kersten Anne	South Charleston	WV	US	
Wenzel, Timothy T.	Charleston	WV	US	
Goode, Mark Gregory	Hurricane	WV	US	
Oskam, John Henry	Flemington	NJ	US	
Jorgensen, Robert J.	Belle Mead	NJ	US	
Vogel, Robert Harold	Ringoes	NJ	US	

US-CL-CURRENT: 526/129; 526/160, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 26. Document ID: US 20020103314 A1

L7: Entry 26 of 268

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103314

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103314 A1

TITLE: Support materials for use with polymerization catalysts

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peterson, Thomas Henry	Charleston	WV	US	

US-CL-CURRENT: 526/135; 526/146, 526/147, 526/160, 526/165, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 27. Document ID: US 20020103313 A1

L7: Entry 27 of 268

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103313

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103313 A1

TITLE: Support materials for use with polymerization catalysts

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peterson, Thomas Henry	Charleston	WV	US	
Whiteker, Gregory T.	Charleston	WV	US	

US-CL-CURRENT: 526/130; 526/146, 526/147, 526/160, 526/165

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 28. Document ID: US 20020103312 A1

L7: Entry 28 of 268

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103312

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103312 A1

TITLE: Asymmetric silicon-bridged metallocenes useful as catalysts in the polymerization of alpha-olefins, process for their preparation and use of said metallocenes for the polymerization of alpha-olefins

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rausch, Marvun D.	Amherst	MA	US	
Thomas, Emma J.	Amherst	MA	US	
Bettonville, Serge	Crisnee		BE	

US-CL-CURRENT: 526/127; 526/160, 526/170, 526/351, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 29. Document ID: US 20020103310 A1

L7: Entry 29 of 268

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103310

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103310 A1

TITLE: Catalyst composition, method of polymerization and polymer therefrom

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Szul, John F.	Nitro	WV	US	
Kwalk, Tae Hoon	Belle Mead	NJ	US	
Schreck, David James	Cross Lanes	WV	US	
Mawson, Simon	Charleston	WV	US	
McKee, Matthew G.	Charleston	WV	US	
Terry, Kersten Anne	South Charleston	WV	US	
Goode, Mark G.	Hurricane	WV	US	
Whiteker, Gregory T.	Charleston	WV	US	
Lucas, Eric A.	South Charleston	WV	US	

US-CL-CURRENT: 526/114; 526/113, 526/118, 526/119

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 30. Document ID: US 20020103076 A1

L7: Entry 30 of 268

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103076

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103076 A1

TITLE: Method for preparing a supported catalyst system and its use in a polymerization process

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agapiou, Agapios K.	Humble	TX	US	
Kuo, Chi-I	Humble	TX	US	
Glowczwski, David M.	Baytown	TX	US	
Ackerman, Steven K.	Baytown	TX	US	

US-CL-CURRENT: 502/171

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 31. Document ID: US 20020099231 A1

L7: Entry 31 of 268

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099231

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099231 A1

TITLE: Synthesis and isomerization of 1,2-bis (indenyl) ethanes

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gately, Daniel A.	Berthoud	CO	US	

US-CL-CURRENT: 556/51

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 32. Document ID: US 20020099152 A1

L7: Entry 32 of 268

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099152
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020099152 A1

TITLE: Catalyst modifiers and their use in the polymerization of olefin(s)

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wenzel, Timothy T.	Charleston	WV	US	
Nagaki, Dick Alan	South Charleston	WV	US	
Peterson, Thomas Henry	Charleston	WV	US	
Schreck, David James	Cross Lanes	WV	US	

US-CL-CURRENT: 526/82; 502/120, 502/152, 526/160, 526/170, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 33. Document ID: US 20020098973 A1

L7: Entry 33 of 268

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098973
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020098973 A1

TITLE: Bridged gallium or indium containing group 4 metal complexes

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Campbell, Richard E. JR.	Midland	MI	US	
Devore, David D.	Midland	MI	US	
Feng, Shaoguang	Midland	MI	US	
Frazier, Kevin A.	Midland	MI	US	
Green, D. Patrick	Midland	MI	US	
Patton, Jasson T.	Midland	MI	US	

US-CL-CURRENT: 502/155; 526/127, 526/160, 526/170, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 34. Document ID: US 20020095015 A1

L7: Entry 34 of 268

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020095015

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020095015 A1

TITLE: Propylene copolymers containing styrene units

PUBLICATION-DATE: July 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Oliva, Leone	Napoli		IT	
Guerra, Gaetano	Salerno		IT	
Caporaso, Lucia	Battipaglia		IT	
Izzo, Lorella	Salerno		IT	
Resconi, Luigi	Ferrara		IT	

US-CL-CURRENT: 526/160; 526/346, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 35. Document ID: US 20020086947 A1

L7: Entry 35 of 268

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086947

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020086947 A1

TITLE: Propylene impact copolymers

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burkhardt, Terry John	Kingwood	TX	US	
Li, Robert Tan	Houston	TX	US	
Mehta, Aspy Keki	Humble	TX	US	
Stehling, Udo M.	Houston	TX	US	
Haygood, William T. JR.	Houston	TX	US	
Rix, Francis C.	League City	TX	US	
Wiser, Dawn C.	Lake Forest	IL	US	

US-CL-CURRENT: 525/240; 525/191

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 36. Document ID: US 20020082369 A1

L7: Entry 36 of 268

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082369
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020082369 A1

TITLE: Catalyst system and its use in a polymerization process

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Holtcamp, Matthew W.	Huffman	TX	US	

US-CL-CURRENT: 526/129; 502/152, 526/160, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCD
Drawn Desc	Image									

☐ 37. Document ID: US 20020082367 A1

L7: Entry 37 of 268

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082367
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020082367 A1

TITLE: Catalyst systems and their use in a polymerization process

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McConville, David H.	Houston	TX	US	
Holtcamp, Matthew W.	Huffman	TX	US	
Loveday, Donald R.	Houston	TX	US	

US-CL-CURRENT: 526/119; 502/104, 502/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCD
Drawn Desc	Image									

☐ 38. Document ID: US 20020065376 A1

L7: Entry 38 of 268

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065376
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020065376 A1

TITLE: Polymerization process

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bell, Susan L.	League City	TX	US	
Vadagama, Abdul Gaffar	Houston	TX	US	

US-CL-CURRENT: 526/70; 526/124.3, 526/129, 526/160, 526/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 39. Document ID: US 20020065374 A1

L7: Entry 39 of 268

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065374

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020065374 A1

TITLE: Polymerization process

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mawson, Simon	Charleston	WV	US	
Szul, John Francis	Nitro	WV	US	
Goode, Mark Gregory	Hurricane	WV	US	
Williams, Clark C.	Charleston	WV	US	

US-CL-CURRENT: 526/68; 526/88, 526/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 40. Document ID: US 20020061985 A1

L7: Entry 40 of 268

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061985

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020061985 A1

TITLE: MIXED METAL ALKOXIDE AND CYCLOALKADIENYL CATALYSTS FOR THE PRODUCTION OF POLYOLEFINS

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
JOB, ROBERT CHARLES	BOUND BROOK	NJ	US	
REICHLE, WALTER THOMAS	WARREN	NJ	US	

US-CL-CURRENT: 526/114; 502/103, 502/104, 502/113, 502/117, 502/118, 502/129, 502/132, 502/133, 502/152, 526/119, 526/160, 526/351, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 41. Document ID: US 20020061976 A1

L7: Entry 41 of 268

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061976
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020061976 A1

TITLE: Propylene polymer composition

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Krabbenborg, Franciscus J.T.	Terneuzen		NL	
Heur, Dagmar JJM van	Eppstein-Vockenhausen		DE	
Hovestad, Neldes J.	Sint Jansteen		NL	

US-CL-CURRENT: 525/240

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 42. Document ID: US 20020045789 A1

L7: Entry 42 of 268

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045789
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020045789 A1

TITLE: Synthesis and isomerization of 1,2-bis (indenyl) ethanes

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gately, Daniel A.	Berthoud	CO	US	

US-CL-CURRENT: 585/477

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 43. Document ID: US 20020041972 A1

L7: Entry 43 of 268

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020041972
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020041972 A1

TITLE: Propylene type resin composition, film made thereof, and laminated resin film

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakamura, Yasunori	Yokkaichi-shi		JP	
Tayano, Takao	Yokkaichi-shi		JP	
Sezume, Tadashi	Yokkaichi-shi		JP	

US-CL-CURRENT: 428/516; 428/523

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 44. Document ID: US 20020038036 A1

L7: Entry 44 of 268

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020038036

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020038036 A1

TITLE: "Catalyst system for the polymerization of olefins"

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Resconi, Luigi	Ferrara		IT	
Guidotti, Simona	Casalecchio Di Reno		IT	

US-CL-CURRENT: 548/402; 502/152, 502/155, 526/160, 526/161, 526/170, 526/172, 526/351

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 45. Document ID: US 20020037979 A1

L7: Entry 45 of 268

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037979

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037979 A1

TITLE: MIXED ZIEGLER/METALLOCENE CATALYSTS FOR THE PRODUCTION OF BIMODAL POLYOLEFINS

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
JOB, ROBERT CHARLES	BOUND BROOK	NJ	US	
COOK, JESSICA ANN	CLINTON	NJ	US	
KAO, SUN-CHUEH	BELLE MEAD	NJ	US	

US-CL-CURRENT: 526/119; 502/103, 502/104, 502/113, 502/132, 502/133, 502/152, 526/113,
526/114, 526/118, 526/160, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 46. Document ID: US 20020032342 A1

L7: Entry 46 of 268

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032342
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020032342 A1

TITLE: Novel metallocene catalyst and process for preparing styrenic polymer using the same

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lyu, Yi Yeol	Daejun-Shi		KR	

US-CL-CURRENT: 556/52; 556/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 47. Document ID: US 20020032287 A1

L7: Entry 47 of 268

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032287
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020032287 A1

TITLE: POLYMERIZATION PROCESS USING AN IMPROVED BULKY LIGAND METALLOCENE-TYPE CATALYST SYSTEM

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
MCCULLOUGH, LAUGHLIN G.	LEAGUE CITY	TX	US	

US-CL-CURRENT: 526/68; 502/152, 526/129, 526/160, 526/348.2, 526/348.3, 526/348.4,
526/348.5, 526/348.6, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 48. Document ID: US 20020028742 A1

L7: Entry 48 of 268

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028742
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020028742 A1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agapiou, Agapios K.	Humble	TX	US	
Kuo, Chi-I	Humble	TX	US	
Glowczwski, David M.	Baytown	TX	US	
Ackerman, Steve K.	Baytown	TX	US	

US-CL-CURRENT: 502/132; 502/152, 526/127, 526/154, 526/160, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 49. Document ID: US 20020026018 A1

L7: Entry 49 of 268

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020026018
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020026018 A1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization and use in a polymerization process

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agapiou, Agapios K.	Humble	TX	US	
Kuo, Chi-I	Humble	TX	US	
Glowczwski, David M.	Baytown	TX	US	
Ackerman, Steve K.	Baytown	TX	US	

US-CL-CURRENT: 526/127; 502/132, 502/152, 526/154, 526/160, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 50. Document ID: US 20020019504 A1

L7: Entry 50 of 268

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019504
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020019504 A1

TITLE: NOVEL METALLOCENE COMPOUND, AND PROCESS FOR PREPARING POLYOLEFIN BY USING IT

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
SUNAGA, TADAHIRO	KANAGAWA		JP	
MICHIUE, KENJI	HIROSHIMA		JP	
YAMASHITA, MASAHIRO	HIROSHIMA		JP	
ISHII, YUKIO	OSAKA		JP	

US-CL-CURRENT: 526/160

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw	Desc	Image								

☐ 51. Document ID: US 20020013219 A1

L7: Entry 51 of 268

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020013219

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020013219 A1

TITLE: Catalyst modifiers and their use in the polymerization of olefin(s)

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wenzel, Timothy T.	Charleston	WV	US	
Nagaki, Dick A.	South Charleston	WV	US	
Mawson, Simon	Charleston	WV	US	
Schreck, David James	Cross Lanes	WV	US	
Peterson, Thomas H.	Charleston	WV	US	

US-CL-CURRENT: 502/117; 502/103

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw	Desc	Image								

☐ 52. Document ID: US 20020004575 A1

L7: Entry 52 of 268

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004575

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004575 A1

TITLE: Propylene ethylene polymers

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cozewith, Charles	Bellaire	TX	US	
Datta, Sudhin	Houston	TX	US	
Hu, Weiguo	Houston	TX	US	

US-CL-CURRENT: 526/348

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 53. Document ID: US 20020004448 A1

L7: Entry 53 of 268

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004448

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004448 A1

TITLE: CATALYST COMPOSITION AND METHODS FOR ITS PREPARATION AND USE IN A POLYMERIZATION PROCESS

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
AGAPIOU, AGAPIOS KYRIACOS	HUMBLE	TX	US	
KUO, CHI-I	HUMBLE	TX	US	
GLOWCZWSKI, DAVID MICHAEL	BAYTOWN	TX	US	
ACKERMAN, STEVEN KENT	BAYTOWN	TX	US	

US-CL-CURRENT: 502/129

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 54. Document ID: US 20010053833 A1

L7: Entry 54 of 268

File: PGPB

Dec 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010053833

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010053833 A1

TITLE: Metallocene compound, olefin polymerization catalyst containing the compound, and method for producing an olefin polymer by use of the catalyst

PUBLICATION-DATE: December 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakano, Masato	Ichihara-shi		JP	
Ushioda, Tsutomu	Ichihara-shi		JP	
Yamazaki, Hiroshi	Tokorozawa-shi		JP	
Uwai, Toshihiro	Ichihara-shi		JP	
Kimura, Masami	Ichihara-shi		JP	
Ohgi, Yoshiyuki	Ichihara-shi		JP	
Yamamoto, Kiyomi	Ichihara-shi		JP	

US-CL-CURRENT: 526/127; 502/152, 526/160, 526/351, 556/11, 556/12, 556/53, 556/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 55. Document ID: US 20010047065 A1

L7: Entry 55 of 268

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047065
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010047065 A1

TITLE: METHOD FOR PREPARING A SUPPORTED CATALYST SYSTEM AND ITS USE IN A POLYMERIZATION PROCESS

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
KAO, SUN-CHUEH	BELLE MEAD	NJ	US	
KAROL, FREDERICK J.	BELLE MEAD	NJ	US	

US-CL-CURRENT: 526/114; 502/113, 526/113, 526/118, 526/119, 526/160, 526/172, 526/351, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 56. Document ID: US 20010044509 A1

L7: Entry 56 of 268

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010044509
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010044509 A1

TITLE: Haloaryl containing group 13 substituents on bridged metallocene polyolefin catalysts

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Holtcamp, Matthew W.	Huffman	TX	US	

US-CL-CURRENT: 526/127; 502/152, 526/160, 526/308, 526/335, 526/346, 526/348.2, 526/348.3, 526/348.5, 526/348.6, 526/901, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 57. Document ID: US 20010044506 A1

L7: Entry 57 of 268

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010044506

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010044506 A1

TITLE: Propylene polymers for films

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mehta, Aspy K.	Humble	TX	US	
Chen, Michael C.	Houston	TX	US	
McAlpin, James J.	Houston	TX	US	
Specia, Anthony N.	Kingwood	TX	US	
Tormaschy, Kelly	Round Rock	TX	US	
Lin, Chon Y.	Houston	TX	US	

US-CL-CURRENT: 526/65; 526/114, 526/119, 526/160, 526/348.2, 526/348.5, 526/348.6,
526/351

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Drawn Desc	Image									

☐ 58. Document ID: US 20010039314 A1

L7: Entry 58 of 268

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039314
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010039314 A1

TITLE: Propylene polymers for films

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mehta, Aspy K.	Humble	TX	US	
Chen, Michael C.	Houston	TX	US	
McAlpin, James J.	Houston	TX	US	
Specia, Anthony N.	Kingwood	TX	US	
Tormaschy, Kelly	Round Rock	TX	US	
Lin, Chon Y.	Houston	TX	US	

US-CL-CURRENT: 525/240; 526/115, 526/119, 526/348.1, 526/351

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Drawn Desc	Image									

☐ 59. Document ID: US 20010034411 A1

L7: Entry 59 of 268

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034411
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010034411 A1

TITLE: Propylene impact copolymers

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burkhardt, Terry John	Kingwood	TX	US	
Li, Robert Tan	Houston	TX	US	
Mehta, Aspy Keki	Humble	TX	US	
Stehling, Udo M.	Houston	TX	US	
Haygood, William T. JR.	Houston	TX	US	
Rix, Francis C.	League City	TX	US	
Wiser, Dawn C.	Lake Forest	IL	US	

US-CL-CURRENT: 525/191; 525/240

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 60. Document ID: US 20010031885 A1

L7: Entry 60 of 268

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031885

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010031885 A1

TITLE: Bridged metallocene complex for the (co) polymerization of olefins

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Santi, Roberto	Novara		IT	
Borsotti, Giampietro	Novara		IT	
Longhini, Gianfranco	Novara		IT	
Biagini, Paolo	Trecate		IT	
Proto, Antonio	Novara		IT	
Masi, Francesco	S.Angelo Lodigiano		IT	
Banzi, Viviano	Vigarano Mainarda		IT	

US-CL-CURRENT: 556/1; 502/103, 502/104, 502/117

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 61. Document ID: US 20010031695 A1

L7: Entry 61 of 268

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031695

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010031695 A1

TITLE: Mixed catalyst compounds, catalyst systems and thier use in a polymerization

process

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Loveday, Donald R.	Houston	TX	US	
McConville, David H.	Houston	TX	US	

US-CL-CURRENT: 502/117; 502/102, 502/103

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 62. Document ID: US 20010000258 A1

L7: Entry 62 of 268

File: PGPB

Apr 12, 2001

PGPUB-DOCUMENT-NUMBER: 20010000258

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010000258 A1

TITLE: Articles made from polypropylene, higher alpha-olefin copolymers

PUBLICATION-DATE: April 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McAlpin, James John	Houston	TX	US	
Mehta, Aspy Keki	Humble	TX	US	
Autran, Jean Philippe	Cincinnati	OH	US	

US-CL-CURRENT: 526/348.2; 526/127, 526/160, 526/348.4, 526/348.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 63. Document ID: US 6495484 B1

L7: Entry 63 of 268

File: USPT

Dec 17, 2002

US-PAT-NO: 6495484

DOCUMENT-IDENTIFIER: US 6495484 B1

TITLE: Catalyst system and its use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 64. Document ID: US 6492465 B1

L7: Entry 64 of 268

File: USPT

Dec 10, 2002

US-PAT-NO: 6492465

DOCUMENT-IDENTIFIER: US 6492465 B1

TITLE: Propylene impact copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMC

☐ 65. Document ID: US 6489408 B2

L7: Entry 65 of 268

File: USPT

Dec 3, 2002

US-PAT-NO: 6489408

DOCUMENT-IDENTIFIER: US 6489408 B2

TITLE: Polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMC

☐ 66. Document ID: US 6482904 B2

L7: Entry 66 of 268

File: USPT

Nov 19, 2002

US-PAT-NO: 6482904

DOCUMENT-IDENTIFIER: US 6482904 B2

TITLE: Support materials for use with polymerization catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMC

☐ 67. Document ID: US 6482903 B1

L7: Entry 67 of 268

File: USPT

Nov 19, 2002

US-PAT-NO: 6482903

DOCUMENT-IDENTIFIER: US 6482903 B1

TITLE: Method for preparing a supported catalyst system and its use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMC

☐ 68. Document ID: US 6476166 B1

L7: Entry 68 of 268

File: USPT

Nov 5, 2002

US-PAT-NO: 6476166

DOCUMENT-IDENTIFIER: US 6476166 B1

TITLE: Aluminum-based lewis acid cocatalysts for olefin polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 69. Document ID: US 6472474 B2

L7: Entry 69 of 268

File: USPT

Oct 29, 2002

US-PAT-NO: 6472474

DOCUMENT-IDENTIFIER: US 6472474 B2

TITLE: Propylene impact copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 70. Document ID: US 6472342 B2

L7: Entry 70 of 268

File: USPT

Oct 29, 2002

US-PAT-NO: 6472342

DOCUMENT-IDENTIFIER: US 6472342 B2

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 71. Document ID: US 6469188 B1

L7: Entry 71 of 268

File: USPT

Oct 22, 2002

US-PAT-NO: 6469188

DOCUMENT-IDENTIFIER: US 6469188 B1

TITLE: Catalyst system for the polymerization of alkenes to polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 72. Document ID: US 6469100 B2

L7: Entry 72 of 268

File: USPT

Oct 22, 2002

US-PAT-NO: 6469100

DOCUMENT-IDENTIFIER: US 6469100 B2

TITLE: Propylene block copolymer and resin composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 73. Document ID: US 6468936 B1

L7: Entry 73 of 268

File: USPT

Oct 22, 2002

US-PAT-NO: 6468936

DOCUMENT-IDENTIFIER: US 6468936 B1

TITLE: Solid MAO/metallocene catalyst complex for propylene polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 74. Document ID: US 6465667 B2

L7: Entry 74 of 268

File: USPT

Oct 15, 2002

US-PAT-NO: 6465667

DOCUMENT-IDENTIFIER: US 6465667 B2

TITLE: Synthesis and isomerization of 1,2-bis (indenyl) ethanes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 75. Document ID: US 6444605 B1

L7: Entry 75 of 268

File: USPT

Sep 3, 2002

US-PAT-NO: 6444605

DOCUMENT-IDENTIFIER: US 6444605 B1

TITLE: Mixed metal alkoxide and cycloalkadienyl catalysts for the production of polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 76. Document ID: US 6441258 B1

L7: Entry 76 of 268

File: USPT

Aug 27, 2002

US-PAT-NO: 6441258

DOCUMENT-IDENTIFIER: US 6441258 B1

TITLE: Synthesis and isomerization of 1,2-bis (indenyl) ethanes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 77. Document ID: US 6426395 B1

L7: Entry 77 of 268

File: USPT

Jul 30, 2002

US-PAT-NO: 6426395

DOCUMENT-IDENTIFIER: US 6426395 B1

TITLE: .mu.-oxo-bis-metallocene complex compounds and catalysts using same for the polymerization of olefins as well as polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw. Desc	Image									

☐ 78. Document ID: US 6423796 B1

L7: Entry 78 of 268

File: USPT

Jul 23, 2002

US-PAT-NO: 6423796

DOCUMENT-IDENTIFIER: US 6423796 B1

TITLE: Process for the preparation of substantially amorphous alpha-olefin polymers and compositions containing them and process for the preparation of bridged ligand

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw. Desc	Image									

☐ 79. Document ID: US 6423793 B1

L7: Entry 79 of 268

File: USPT

Jul 23, 2002

US-PAT-NO: 6423793

DOCUMENT-IDENTIFIER: US 6423793 B1

TITLE: Elastomeric propylene polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw. Desc	Image									

☐ 80. Document ID: US 6420501 B1

L7: Entry 80 of 268

File: USPT

Jul 16, 2002

US-PAT-NO: 6420501

DOCUMENT-IDENTIFIER: US 6420501 B1

TITLE: Supported metallocene catalyst, process for preparing the same, and process for producing olefin polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw. Desc	Image									

☐ 81. Document ID: US 6420297 B2

L7: Entry 81 of 268

File: USPT

Jul 16, 2002

US-PAT-NO: 6420297
DOCUMENT-IDENTIFIER: US 6420297 B2

TITLE: Haloaryl containing group 13 substituents on bridged metallocene polyolefin catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 82. Document ID: US 6417418 B2

L7: Entry 82 of 268

File: USPT

Jul 9, 2002

US-PAT-NO: 6417418
DOCUMENT-IDENTIFIER: US 6417418 B2

TITLE: Bridged metallocene complex for the (co)polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 83. Document ID: US 6416699 B1

L7: Entry 83 of 268

File: USPT

Jul 9, 2002

US-PAT-NO: 6416699
DOCUMENT-IDENTIFIER: US 6416699 B1

TITLE: Reduced shrinkage in metallocene isotactic polypropylene fibers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 84. Document ID: US 6403772 B1

L7: Entry 84 of 268

File: USPT

Jun 11, 2002

US-PAT-NO: 6403772
DOCUMENT-IDENTIFIER: US 6403772 B1

TITLE: Open-pentadienyl metallocenes, precursors thereof and polymerization catalysts therefrom

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 85. Document ID: US 6399531 B1

L7: Entry 85 of 268

File: USPT

Jun 4, 2002

US-PAT-NO: 6399531
DOCUMENT-IDENTIFIER: US 6399531 B1

TITLE: Hybrid ziegler-natta and cycloalkadienyl catalysts for the production of polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 86. Document ID: US 6391991 B1

L7: Entry 86 of 268

File: USPT

May 21, 2002

US-PAT-NO: 6391991

DOCUMENT-IDENTIFIER: US 6391991 B1

TITLE: Process for the preparation of amorphous polymers of propylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 87. Document ID: US 6391819 B1

L7: Entry 87 of 268

File: USPT

May 21, 2002

US-PAT-NO: 6391819

DOCUMENT-IDENTIFIER: US 6391819 B1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 88. Document ID: US 6388016 B1

L7: Entry 88 of 268

File: USPT

May 14, 2002

US-PAT-NO: 6388016

DOCUMENT-IDENTIFIER: US 6388016 B1

TITLE: Dynamic vulcanization of polymer blends from series reactors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw. Desc	Image									

☐ 89. Document ID: US 6384158 B1

L7: Entry 89 of 268

File: USPT

May 7, 2002

US-PAT-NO: 6384158

DOCUMENT-IDENTIFIER: US 6384158 B1

TITLE: Polymerization catalysts, their production and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 90. Document ID: US 6384142 B1

L7: Entry 90 of 268

File: USPT

May 7, 2002

US-PAT-NO: 6384142

DOCUMENT-IDENTIFIER: US 6384142 B1

TITLE: Propylene impact copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 91. Document ID: US 6380332 B1

L7: Entry 91 of 268

File: USPT

Apr 30, 2002

US-PAT-NO: 6380332

DOCUMENT-IDENTIFIER: US 6380332 B1

TITLE: Activator system for metallocene compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 92. Document ID: US 6380328 B1

L7: Entry 92 of 268

File: USPT

Apr 30, 2002

US-PAT-NO: 6380328

DOCUMENT-IDENTIFIER: US 6380328 B1

TITLE: Catalyst systems and their use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 93. Document ID: US 6376418 B1

L7: Entry 93 of 268

File: USPT

Apr 23, 2002

US-PAT-NO: 6376418

DOCUMENT-IDENTIFIER: US 6376418 B1

TITLE: Process and catalyst for producing polyolefins having low molecular weight

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 94. Document ID: US 6372681 B1

L7: Entry 94 of 268

File: USPT

Apr 16, 2002

US-PAT-NO: 6372681

DOCUMENT-IDENTIFIER: US 6372681 B1

TITLE: Catalyst for olefin polymer production and process for olefin polymer production employing the catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 95. Document ID: US 6369253 B1

L7: Entry 95 of 268

File: USPT

Apr 9, 2002

US-PAT-NO: 6369253

DOCUMENT-IDENTIFIER: US 6369253 B1

TITLE: Metallocene compounds from amino alcohol-derived ligands

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 96. Document ID: US 6369174 B1

L7: Entry 96 of 268

File: USPT

Apr 9, 2002

US-PAT-NO: 6369174

DOCUMENT-IDENTIFIER: US 6369174 B1

TITLE: Catalyst modifier and its use in the polymerization of olefin(s)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 97. Document ID: US 6365764 B1

L7: Entry 97 of 268

File: USPT

Apr 2, 2002

US-PAT-NO: 6365764

DOCUMENT-IDENTIFIER: US 6365764 B1

TITLE: Bridged bis-fluorenyl metallocenes process for the preparation thereof and use thereof in catalysts for the polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 98. Document ID: US 6362125 B1

L7: Entry 98 of 268

File: USPT

Mar 26, 2002

US-PAT-NO: 6362125

DOCUMENT-IDENTIFIER: US 6362125 B1

TITLE: Metallocene catalyst and catalyst system for producing polypropylene blend of iso and syndio-tactic polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 99. Document ID: US 6355819 B1

L7: Entry 99 of 268

File: USPT

Mar 12, 2002

US-PAT-NO: 6355819

DOCUMENT-IDENTIFIER: US 6355819 B1

TITLE: Substituted metallocene compounds for olefin polymerization catalyst systems, their intermediates and methods for preparing them

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 100. Document ID: US 6355747 B1

L7: Entry 100 of 268

File: USPT

Mar 12, 2002

US-PAT-NO: 6355747

DOCUMENT-IDENTIFIER: US 6355747 B1

TITLE: Asymmetric silicon-bridged metallocenes useful as catalysts in the polymerization of .alpha.-olefins, process for their preparation and use of said metallocenes for the polymerization of .alpha.-olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

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L7: Entry 101 of 268

File: USPT

Feb 12, 2002

US-PAT-NO: 6346586

DOCUMENT-IDENTIFIER: US 6346586 B1

TITLE: Method for preparing a supported catalyst system and its use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 102. Document ID: US 6346584 B1

L7: Entry 102 of 268

File: USPT

Feb 12, 2002

US-PAT-NO: 6346584

DOCUMENT-IDENTIFIER: US 6346584 B1

TITLE: Catalyst modifiers and their use in the polymerization of olefins(s)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 103. Document ID: US 6344577 B1

L7: Entry 103 of 268

File: USPT

Feb 5, 2002

US-PAT-NO: 6344577

DOCUMENT-IDENTIFIER: US 6344577 B1

TITLE: Process for making silicon bridged metallocene compounds and metallocene catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 104. Document ID: US 6342566 B1

L7: Entry 104 of 268

File: USPT

Jan 29, 2002

US-PAT-NO: 6342566

DOCUMENT-IDENTIFIER: US 6342566 B1

TITLE: Propylene impact copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 105. Document ID: US 6329477 B1

L7: Entry 105 of 268

File: USPT

Dec 11, 2001

US-PAT-NO: 6329477

DOCUMENT-IDENTIFIER: US 6329477 B1

TITLE: Method for increasing diene conversion in EPDM type polymerizations

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 106. Document ID: US 6329454 B1

L7: Entry 106 of 268

File: USPT

Dec 11, 2001

US-PAT-NO: 6329454

DOCUMENT-IDENTIFIER: US 6329454 B1

TITLE: Filled propylene polymer composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 107. Document ID: US 6319998 B1

L7: Entry 107 of 268

File: USPT

Nov 20, 2001

US-PAT-NO: 6319998

DOCUMENT-IDENTIFIER: US 6319998 B1

TITLE: Method for making polymer blends by using series reactors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 108. Document ID: US 6316556 B1

L7: Entry 108 of 268

File: USPT

Nov 13, 2001

US-PAT-NO: 6316556

DOCUMENT-IDENTIFIER: US 6316556 B1

TITLE: Homogeneous olefin polymerization catalyst composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 109. Document ID: US 6313242 B1

L7: Entry 109 of 268

File: USPT

Nov 6, 2001

US-PAT-NO: 6313242

DOCUMENT-IDENTIFIER: US 6313242 B1

TITLE: Stereorigid bis-fluorenyl metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 110. Document ID: US 6306984 B1

L7: Entry 110 of 268

File: USPT

Oct 23, 2001

US-PAT-NO: 6306984

DOCUMENT-IDENTIFIER: US 6306984 B1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 111. Document ID: US 6300436 B1

L7: Entry 111 of 268

File: USPT

Oct 9, 2001

US-PAT-NO: 6300436

DOCUMENT-IDENTIFIER: US 6300436 B1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 112. Document ID: US 6300419 B1

L7: Entry 112 of 268

File: USPT

Oct 9, 2001

US-PAT-NO: 6300419

DOCUMENT-IDENTIFIER: US 6300419 B1

TITLE: Propylene polymer composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 113. Document ID: US 6291610 B1

L7: Entry 113 of 268

File: USPT

Sep 18, 2001

US-PAT-NO: 6291610

DOCUMENT-IDENTIFIER: US 6291610 B1

TITLE: Haloaryl containing group 13 substituents on bridged metallocene polyolefin catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 114. Document ID: US 6284700 B1

L7: Entry 114 of 268

File: USPT

Sep 4, 2001

US-PAT-NO: 6284700

DOCUMENT-IDENTIFIER: US 6284700 B1

TITLE: Metallocene catalysts for olefin or styrene polymerization and polymerization method using the metallocene catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 115. Document ID: US 6271323 B1

L7: Entry 115 of 268

File: USPT

Aug 7, 2001

US-PAT-NO: 6271323

DOCUMENT-IDENTIFIER: US 6271323 B1

TITLE: Mixed catalyst compounds, catalyst systems and their use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 116. Document ID: US 6268444 B1

L7: Entry 116 of 268

File: USPT

Jul 31, 2001

US-PAT-NO: 6268444

DOCUMENT-IDENTIFIER: US 6268444 B1

TITLE: 3-heteroatom substituted cyclopentadienyl-containing metal complexes and olefin polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 117. Document ID: US 6262199 B1

L7: Entry 117 of 268

File: USPT

Jul 17, 2001

US-PAT-NO: 6262199

DOCUMENT-IDENTIFIER: US 6262199 B1

TITLE: Process and catalyst for producing isotactic polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 118. Document ID: US 6255515 B1

L7: Entry 118 of 268

File: USPT

Jul 3, 2001

US-PAT-NO: 6255515

DOCUMENT-IDENTIFIER: US 6255515 B1

TITLE: Processes for producing silicon- or germanium-containing organic compound, transition metal complex, catalyst for polymerization of .alpha.-olefin and .alpha.-olefin polymer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 119. Document ID: US 6252098 B1

L7: Entry 119 of 268

File: USPT

Jun 26, 2001

US-PAT-NO: 6252098

DOCUMENT-IDENTIFIER: US 6252098 B1

TITLE: Enhanced synthesis of racemic metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 120. Document ID: US 6252019 B1

L7: Entry 120 of 268

File: USPT

Jun 26, 2001

US-PAT-NO: 6252019

DOCUMENT-IDENTIFIER: US 6252019 B1

TITLE: Process for polymerizing tactioselective polyolefins in condensed phase using hafnocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 121. Document ID: US 6251998 B1

L7: Entry 121 of 268

File: USPT

Jun 26, 2001

US-PAT-NO: 6251998

DOCUMENT-IDENTIFIER: US 6251998 B1

TITLE: Hydrosilylation crosslinking of thermoplastic elastomer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 122. Document ID: US 6245706 B1

L7: Entry 122 of 268

File: USPT

Jun 12, 2001

US-PAT-NO: 6245706

DOCUMENT-IDENTIFIER: US 6245706 B1

TITLE: Ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 123. Document ID: US 6232420 B1

L7: Entry 123 of 268

File: USPT

May 15, 2001

US-PAT-NO: 6232420

DOCUMENT-IDENTIFIER: US 6232420 B1

TITLE: Polymers from ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 124. Document ID: US 6218488 B1

L7: Entry 124 of 268

File: USPT

Apr 17, 2001

US-PAT-NO: 6218488

DOCUMENT-IDENTIFIER: US 6218488 B1

TITLE: Polymerization process for olefin copolymers using bridged hafnocene compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 125. Document ID: US 6211110 B1

L7: Entry 125 of 268

File: USPT

Apr 3, 2001

US-PAT-NO: 6211110

DOCUMENT-IDENTIFIER: US 6211110 B1

TITLE: Bridged metallocene complex for the (co)polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 126. Document ID: US 6207756 B1

L7: Entry 126 of 268

File: USPT

Mar 27, 2001

US-PAT-NO: 6207756

DOCUMENT-IDENTIFIER: US 6207756 B1

TITLE: Product and method for making polyolefin polymer dispersions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 127. Document ID: US 6207600 B1

L7: Entry 127 of 268

File: USPT

Mar 27, 2001

US-PAT-NO: 6207600

DOCUMENT-IDENTIFIER: US 6207600 B1

TITLE: Fibers and fibrous moldings made by using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 128. Document ID: US 6201090 B1

L7: Entry 128 of 268

File: USPT

Mar 13, 2001

US-PAT-NO: 6201090

DOCUMENT-IDENTIFIER: US 6201090 B1

TITLE: Propylene/ethylene block copolymer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 129. Document ID: US 6184402 B1

L7: Entry 129 of 268

File: USPT

Feb 6, 2001

US-PAT-NO: 6184402

DOCUMENT-IDENTIFIER: US 6184402 B1

TITLE: Processes for the preparation of metallocene complexes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 130. Document ID: US 6184327 B1

L7: Entry 130 of 268

File: USPT

Feb 6, 2001

US-PAT-NO: 6184327

DOCUMENT-IDENTIFIER: US 6184327 B1

TITLE: Elastomeric propylene polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 131. Document ID: US 6184326 B1

L7: Entry 131 of 268

File: USPT

Feb 6, 2001

US-PAT-NO: 6184326

DOCUMENT-IDENTIFIER: US 6184326 B1

TITLE: Syndiotactic polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 132. Document ID: US 6184318 B1

L7: Entry 132 of 268

File: USPT

Feb 6, 2001

US-PAT-NO: 6184318

DOCUMENT-IDENTIFIER: US 6184318 B1

TITLE: Polyolefin production

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 133. Document ID: US 6184170 B1

L7: Entry 133 of 268

File: USPT

Feb 6, 2001

US-PAT-NO: 6184170

DOCUMENT-IDENTIFIER: US 6184170 B1

TITLE: Metallocene catalyst systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 134. Document ID: US 6180735 B1

L7: Entry 134 of 268

File: USPT

Jan 30, 2001

US-PAT-NO: 6180735

DOCUMENT-IDENTIFIER: US 6180735 B1

TITLE: Catalyst composition and methods for its preparation and use in a polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMIC

☐ 135. Document ID: US 6180733 B1

L7: Entry 135 of 268

File: USPT

Jan 30, 2001

US-PAT-NO: 6180733

DOCUMENT-IDENTIFIER: US 6180733 B1

TITLE: Bridged bis-fluorenyl metallocenes, process for the preparation thereof and use thereof in catalysts for the polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMIC

☐ 136. Document ID: US 6180732 B1

L7: Entry 136 of 268

File: USPT

Jan 30, 2001

US-PAT-NO: 6180732

DOCUMENT-IDENTIFIER: US 6180732 B1

TITLE: Stereospecific metallocene catalysts with stereolocking .alpha.-cp substituents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMIC

☐ 137. Document ID: US 6177526 B1

L7: Entry 137 of 268

File: USPT

Jan 23, 2001

US-PAT-NO: 6177526

DOCUMENT-IDENTIFIER: US 6177526 B1

TITLE: Supported catalyst system, process for its preparation and its use for the polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw. Desc	Image								

KMIC

☐ 138. Document ID: US 6165599 A

L7: Entry 138 of 268

File: USPT

Dec 26, 2000

US-PAT-NO: 6165599

DOCUMENT-IDENTIFIER: US 6165599 A

TITLE: Biaxially oriented film prepared from metallocene catalyzed polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 139. Document ID: US 6160072 A

L7: Entry 139 of 268

File: USPT

Dec 12, 2000

US-PAT-NO: 6160072

DOCUMENT-IDENTIFIER: US 6160072 A

TITLE: Process for polymerizing tactioselective polyolefins in condensed phase using titanocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 140. Document ID: US 6147180 A

L7: Entry 140 of 268

File: USPT

Nov 14, 2000

US-PAT-NO: 6147180

DOCUMENT-IDENTIFIER: US 6147180 A

TITLE: Thermoplastic elastomer compositions from branched olefin copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 141. Document ID: US 6147174 A

L7: Entry 141 of 268

File: USPT

Nov 14, 2000

US-PAT-NO: 6147174

DOCUMENT-IDENTIFIER: US 6147174 A

TITLE: Aluminum based lewis acid cocatalysts for olefin polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 142. Document ID: US 6143854 A

L7: Entry 142 of 268

File: USPT

Nov 7, 2000

US-PAT-NO: 6143854

DOCUMENT-IDENTIFIER: US 6143854 A

TITLE: Polymerization catalysts, their production and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 143. Document ID: US 6143683 A

L7: Entry 143 of 268

File: USPT

Nov 7, 2000

US-PAT-NO: 6143683

DOCUMENT-IDENTIFIER: US 6143683 A

TITLE: Metallocene catalyst and catalyst system for polymerizing an olefin having at least 3 carbon atoms

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 144. Document ID: US 6136930 A

L7: Entry 144 of 268

File: USPT

Oct 24, 2000

US-PAT-NO: 6136930

DOCUMENT-IDENTIFIER: US 6136930 A

TITLE: Polymerization catalysts, their production and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 145. Document ID: US 6136742 A

L7: Entry 145 of 268

File: USPT

Oct 24, 2000

US-PAT-NO: 6136742

DOCUMENT-IDENTIFIER: US 6136742 A

TITLE: Metallocene catalyst systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 146. Document ID: US 6127305 A

L7: Entry 146 of 268

File: USPT

Oct 3, 2000

US-PAT-NO: 6127305

DOCUMENT-IDENTIFIER: US 6127305 A

TITLE: Catalyst and process for polymerizing alpha-olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 147. Document ID: US 6121395 A

L7: Entry 147 of 268

File: USPT

Sep 19, 2000

US-PAT-NO: 6121395

DOCUMENT-IDENTIFIER: US 6121395 A

TITLE: Ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 148. Document ID: US 6121394 A

L7: Entry 148 of 268

File: USPT

Sep 19, 2000

US-PAT-NO: 6121394

DOCUMENT-IDENTIFIER: US 6121394 A

TITLE: Metallocene-catalyzed olefin polymerization in the absence of aluminoxane

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 149. Document ID: US 6121182 A

L7: Entry 149 of 268

File: USPT

Sep 19, 2000

US-PAT-NO: 6121182

DOCUMENT-IDENTIFIER: US 6121182 A

TITLE: Polyolefin production catalyst and method of preparing polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 150. Document ID: US 6117957 A

L7: Entry 150 of 268

File: USPT

Sep 12, 2000

US-PAT-NO: 6117957

DOCUMENT-IDENTIFIER: US 6117957 A

TITLE: Process for polymerization of olefins with silicon bridged metallocene catalyst systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 151. Document ID: US 6114480 A

L7: Entry 151 of 268

File: USPT

Sep 5, 2000

US-PAT-NO: 6114480

DOCUMENT-IDENTIFIER: US 6114480 A

TITLE: Process and catalyst for producing polyolefins having low molecular weight

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 152. Document ID: US 6107501 A

L7: Entry 152 of 268

File: USPT

Aug 22, 2000

US-PAT-NO: 6107501

DOCUMENT-IDENTIFIER: US 6107501 A

TITLE: Synthesis of metallocenes and enrichment of their rac isomer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 153. Document ID: US 6090325 A

L7: Entry 153 of 268

File: USPT

Jul 18, 2000

US-PAT-NO: 6090325

DOCUMENT-IDENTIFIER: US 6090325 A

TITLE: Biaxially-oriented metallocene-based polypropylene films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 154. Document ID: US 6072014 A

L7: Entry 154 of 268

File: USPT

Jun 6, 2000

US-PAT-NO: 6072014

DOCUMENT-IDENTIFIER: US 6072014 A

TITLE: Multimodal polymer compositions prepared using multinuclear metallocene catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 155. Document ID: US 6069237 A

L7: Entry 155 of 268

File: USPT

May 30, 2000

US-PAT-NO: 6069237

DOCUMENT-IDENTIFIER: US 6069237 A

TITLE: Open-pentadienyl metallocenen ligands, polymerization catalysts/catalyst precursors and polymers therefrom

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 156. Document ID: US 6063949 A

L7: Entry 156 of 268

File: USPT

May 16, 2000

US-PAT-NO: 6063949

DOCUMENT-IDENTIFIER: US 6063949 A

TITLE: Stereorigid metallocene compound

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 157. Document ID: US 6054404 A

L7: Entry 157 of 268

File: USPT

Apr 25, 2000

US-PAT-NO: 6054404

DOCUMENT-IDENTIFIER: US 6054404 A

TITLE: Bridged bis-fluorenyl metallocenes, process for the preparation thereof and use thereof in catalysts for the polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 158. Document ID: US 6051728 A

L7: Entry 158 of 268

File: USPT

Apr 18, 2000

US-PAT-NO: 6051728

DOCUMENT-IDENTIFIER: US 6051728 A

TITLE: Metallocene compounds, process for their preparation, and their use in catalysts for the polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 159. Document ID: US 6048992 A

L7: Entry 159 of 268

File: USPT

Apr 11, 2000

US-PAT-NO: 6048992

DOCUMENT-IDENTIFIER: US 6048992 A

TITLE: Metallocene compounds from amino alcohol-derived ligands

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 160. Document ID: US 6043401 A

L7: Entry 160 of 268

File: USPT

Mar 28, 2000

US-PAT-NO: 6043401

DOCUMENT-IDENTIFIER: US 6043401 A

TITLE: Reactive, low molecular weight, viscous poly(1-olefins) and copoly(1-olefins) and their method of manufacture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 161. Document ID: US 6030930 A

L7: Entry 161 of 268

File: USPT

Feb 29, 2000

US-PAT-NO: 6030930

DOCUMENT-IDENTIFIER: US 6030930 A

TITLE: Polymers derived from ethylene and 1-butene for use in the preparation of lubricant disperant additives

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 162. Document ID: US 6025407 A

L7: Entry 162 of 268

File: USPT

Feb 15, 2000

US-PAT-NO: 6025407

DOCUMENT-IDENTIFIER: US 6025407 A

TITLE: Photo-polymerization of vinyl chloride using metallocene catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 163. Document ID: US 6018064 A

L7: Entry 163 of 268

File: USPT

Jan 25, 2000

US-PAT-NO: 6018064

DOCUMENT-IDENTIFIER: US 6018064 A

TITLE: Metallocene compounds, synthesis process and use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 164. Document ID: US 6013723 A

L7: Entry 164 of 268

File: USPT

Jan 11, 2000

US-PAT-NO: 6013723

DOCUMENT-IDENTIFIER: US 6013723 A

TITLE: Injection molded article used with a photosensitive material

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 165. Document ID: US 6010974 A

L7: Entry 165 of 268

File: USPT

Jan 4, 2000

US-PAT-NO: 6010974

DOCUMENT-IDENTIFIER: US 6010974 A

TITLE: Carbon and/or silicon bridged binuclear metallocene catalyst for styrene polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 166. Document ID: US 5990331 A

L7: Entry 166 of 268

File: USPT

Nov 23, 1999

US-PAT-NO: 5990331

DOCUMENT-IDENTIFIER: US 5990331 A

TITLE: Metallocenes containing partially hydrogenated p-ligands

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 167. Document ID: US 5986024 A

L7: Entry 167 of 268

File: USPT

Nov 16, 1999

US-PAT-NO: 5986024

DOCUMENT-IDENTIFIER: US 5986024 A

TITLE: Preparation of multimodal polymer compositions using multinuclear metallocene catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 168. Document ID: US 5945496 A

L7: Entry 168 of 268

File: USPT

Aug 31, 1999

US-PAT-NO: 5945496

DOCUMENT-IDENTIFIER: US 5945496 A

TITLE: Atactic polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 169. Document ID: US 5945367 A

L7: Entry 169 of 268

File: USPT

Aug 31, 1999

US-PAT-NO: 5945367

DOCUMENT-IDENTIFIER: US 5945367 A

TITLE: Metallocenes with silyl-substituted bridges and their use for olefin polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 170. Document ID: US 5945365 A

L7: Entry 170 of 268

File: USPT

Aug 31, 1999

US-PAT-NO: 5945365

DOCUMENT-IDENTIFIER: US 5945365 A

TITLE: Stereorigid bis-fluorenyl metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 171. Document ID: US 5936053 A

L7: Entry 171 of 268

File: USPT

Aug 10, 1999

US-PAT-NO: 5936053

DOCUMENT-IDENTIFIER: US 5936053 A

TITLE: Propylene polymer, copolymers and elastomer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 172. Document ID: US 5936051 A

L7: Entry 172 of 268

File: USPT

Aug 10, 1999

US-PAT-NO: 5936051

DOCUMENT-IDENTIFIER: US 5936051 A

TITLE: Substituted metallocene catalyst for the (co)polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 173. Document ID: US 5919723 A

L7: Entry 173 of 268

File: USPT

Jul 6, 1999

US-PAT-NO: 5919723

DOCUMENT-IDENTIFIER: US 5919723 A

TITLE: Supported metallocene catalyst for the (co) polymerization of alpha-olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 174. Document ID: US 5905162 A

L7: Entry 174 of 268

File: USPT

May 18, 1999

US-PAT-NO: 5905162

DOCUMENT-IDENTIFIER: US 5905162 A

TITLE: Enhanced production of bridged hafnocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 175. Document ID: US 5900497 A

L7: Entry 175 of 268

File: USPT

May 4, 1999

US-PAT-NO: 5900497

DOCUMENT-IDENTIFIER: US 5900497 A

TITLE: Process for preparing metallocene procatalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 176. Document ID: US 5892077 A

L7: Entry 176 of 268

File: USPT

Apr 6, 1999

US-PAT-NO: 5892077

DOCUMENT-IDENTIFIER: US 5892077 A

TITLE: Process for modifying the rac/meso ratio in a metallocene compound

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 177. Document ID: US 5891814 A

L7: Entry 177 of 268

File: USPT

Apr 6, 1999

US-PAT-NO: 5891814

DOCUMENT-IDENTIFIER: US 5891814 A

TITLE: Nonwoven fabrics

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 178. Document ID: US 5883278 A

L7: Entry 178 of 268

File: USPT

Mar 16, 1999

US-PAT-NO: 5883278

DOCUMENT-IDENTIFIER: US 5883278 A

TITLE: Enhanced synthesis of racemic metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 179. Document ID: US 5874505 A

L7: Entry 179 of 268

File: USPT

Feb 23, 1999

US-PAT-NO: 5874505

DOCUMENT-IDENTIFIER: US 5874505 A

TITLE: Polypropylene composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 180. Document ID: US 5861522 A

L7: Entry 180 of 268

File: USPT

Jan 19, 1999

US-PAT-NO: 5861522

DOCUMENT-IDENTIFIER: US 5861522 A

TITLE: Production of bridged metallocene complexes and intermediates therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 181. Document ID: US 5861352 A

L7: Entry 181 of 268

File: USPT

Jan 19, 1999

US-PAT-NO: 5861352

DOCUMENT-IDENTIFIER: US 5861352 A

TITLE: Supported metallocene catalyst for olefins (co)polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 182. Document ID: US 5852143 A

L7: Entry 182 of 268

File: USPT

Dec 22, 1998

US-PAT-NO: 5852143

DOCUMENT-IDENTIFIER: US 5852143 A

TITLE: Production of polyethylene using stereoisomeric metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 183. Document ID: US 5847175 A

L7: Entry 183 of 268

File: USPT

Dec 8, 1998

US-PAT-NO: 5847175

DOCUMENT-IDENTIFIER: US 5847175 A

TITLE: Enhanced synthesis of racemic metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 184. Document ID: US 5846896 A

L7: Entry 184 of 268

File: USPT

Dec 8, 1998

US-PAT-NO: 5846896

DOCUMENT-IDENTIFIER: US 5846896 A

TITLE: Metallocene catalyst systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 185. Document ID: US 5837764 A

L7: Entry 185 of 268

File: USPT

Nov 17, 1998

US-PAT-NO: 5837764

DOCUMENT-IDENTIFIER: US 5837764 A

TITLE: Polypropylene resin composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)

☐ 186. Document ID: US 5786495 A

L7: Entry 186 of 268

File: USPT

Jul 28, 1998

US-PAT-NO: 5786495

DOCUMENT-IDENTIFIER: US 5786495 A

TITLE: Bridged bis-fluorenyl metallocenes, process for the preparation thereof and use thereof in catalysts for the polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)

☐ 187. Document ID: US 5786291 A

L7: Entry 187 of 268

File: USPT

Jul 28, 1998

US-PAT-NO: 5786291

DOCUMENT-IDENTIFIER: US 5786291 A

TITLE: Engineered catalyst systems and methods for their production and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)

☐ 188. Document ID: US 5770664 A

L7: Entry 188 of 268

File: USPT

Jun 23, 1998

US-PAT-NO: 5770664

DOCUMENT-IDENTIFIER: US 5770664 A

TITLE: Catalyst component for producing polyolefin, catalyst for producing polyolefin comprising the catalyst component, and process for producing polyolefin in the presence of the catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KWC](#)

☐ 189. Document ID: US 5767300 A

L7: Entry 189 of 268

File: USPT

Jun 16, 1998

US-PAT-NO: 5767300

DOCUMENT-IDENTIFIER: US 5767300 A

TITLE: Metallocene compound

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 190. Document ID: US 5763080 A

L7: Entry 190 of 268

File: USPT

Jun 9, 1998

US-PAT-NO: 5763080

DOCUMENT-IDENTIFIER: US 5763080 A

TITLE: Fibers and fabrics incorporating lower melting propylene polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 191. Document ID: US 5756609 A

L7: Entry 191 of 268

File: USPT

May 26, 1998

US-PAT-NO: 5756609

DOCUMENT-IDENTIFIER: US 5756609 A

TITLE: Homogeneous metallocene-based olefin polymerization system with increased activity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 192. Document ID: US 5753578 A

L7: Entry 192 of 268

File: USPT

May 19, 1998

US-PAT-NO: 5753578

DOCUMENT-IDENTIFIER: US 5753578 A

TITLE: Metallocene catalyst for the (CO)polymerization of .alpha.-olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 193. Document ID: US 5744535 A

L7: Entry 193 of 268

File: USPT

Apr 28, 1998

US-PAT-NO: 5744535

DOCUMENT-IDENTIFIER: US 5744535 A

TITLE: Polypropylene resin composition for exterior parts of automobile

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 194. Document ID: US 5739073 A

L7: Entry 194 of 268

File: USPT

Apr 14, 1998

US-PAT-NO: 5739073

DOCUMENT-IDENTIFIER: US 5739073 A

TITLE: Addition of lithium compounds to ziegler-natta catalysts for increased molecular weight in polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 195. Document ID: US 5733834 A

L7: Entry 195 of 268

File: USPT

Mar 31, 1998

US-PAT-NO: 5733834

DOCUMENT-IDENTIFIER: US 5733834 A

TITLE: Organic carrier supported metallocene catalyst for olefin polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 196. Document ID: US 5726103 A

L7: Entry 196 of 268

File: USPT

Mar 10, 1998

US-PAT-NO: 5726103

DOCUMENT-IDENTIFIER: US 5726103 A

TITLE: Fibers and fabrics incorporating lower melting propylene polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KMC

☐ 197. Document ID: US 5723705 A

L7: Entry 197 of 268

File: USPT

Mar 3, 1998

US-PAT-NO: 5723705

DOCUMENT-IDENTIFIER: US 5723705 A

TITLE: Process for the preparation of polyolefin waxes in the presence of a metallocene catalyst and a co-catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 198. Document ID: US 5723640 A

L7: Entry 198 of 268

File: USPT

Mar 3, 1998

US-PAT-NO: 5723640

DOCUMENT-IDENTIFIER: US 5723640 A

TITLE: Transition metal compound having indenyl-containing metallocene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 199. Document ID: US 5710299 A

L7: Entry 199 of 268

File: USPT

Jan 20, 1998

US-PAT-NO: 5710299

DOCUMENT-IDENTIFIER: US 5710299 A

TITLE: Production of bridged metallocene complexes and intermediates therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 200. Document ID: US 5710297 A

L7: Entry 200 of 268

File: USPT

Jan 20, 1998

US-PAT-NO: 5710297

DOCUMENT-IDENTIFIER: US 5710297 A

TITLE: Metallocenes, and their use as catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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(11 same 14) and 15	268

Display Format:

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 201 through 268 of 268 returned.**☐ **201. Document ID: US 5710223 A**

L7: Entry 201 of 268

File: USPT

Jan 20, 1998

US-PAT-NO: 5710223

DOCUMENT-IDENTIFIER: US 5710223 A

TITLE: Process for polymerizing propylene by using a novel metallocene catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ **202. Document ID: US 5710222 A**

L7: Entry 202 of 268

File: USPT

Jan 20, 1998

US-PAT-NO: 5710222

DOCUMENT-IDENTIFIER: US 5710222 A

TITLE: Method for controlling the melting points and molecular weights of syndiotactic polyolefins using metallocene catalyst systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ **203. Document ID: US 5705584 A**

L7: Entry 203 of 268

File: USPT

Jan 6, 1998

US-PAT-NO: 5705584

DOCUMENT-IDENTIFIER: US 5705584 A

TITLE: Propylene homopolymer and propylene copolymer prepared using novel bridged indenyl-containing metallocene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ **204. Document ID: US 5688887 A**

L7: Entry 204 of 268

File: USPT

Nov 18, 1997

US-PAT-NO: 5688887

DOCUMENT-IDENTIFIER: US 5688887 A

TITLE: Reactive, low molecular weight, viscous poly(1-olefins) and copoly(1-olefins) and their method of manufacture

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 205. Document ID: US 5688735 A

L7: Entry 205 of 268

File: USPT

Nov 18, 1997

US-PAT-NO: 5688735

DOCUMENT-IDENTIFIER: US 5688735 A

TITLE: Method for controlling the melting points and molecular weights of syndiotactic polyolefins using metallocene catalyst systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 206. Document ID: US 5679814 A

L7: Entry 206 of 268

File: USPT

Oct 21, 1997

US-PAT-NO: 5679814

DOCUMENT-IDENTIFIER: US 5679814 A

TITLE: Purification of metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 207. Document ID: US 5663249 A

L7: Entry 207 of 268

File: USPT

Sep 2, 1997

US-PAT-NO: 5663249

DOCUMENT-IDENTIFIER: US 5663249 A

TITLE: Catalyst and process for polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 208. Document ID: US 5663130 A

L7: Entry 208 of 268

File: USPT

Sep 2, 1997

US-PAT-NO: 5663130

DOCUMENT-IDENTIFIER: US 5663130 A

TITLE: Polymers derived from ethylene and 1-butene for use in the preparation of lubricant dispersant additives

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 209. Document ID: US 5658997 A

L7: Entry 209 of 268

File: USPT

Aug 19, 1997

US-PAT-NO: 5658997

DOCUMENT-IDENTIFIER: US 5658997 A

TITLE: Process for polymerizing propylene by using a novel metallocene catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 210. Document ID: US 5631202 A

L7: Entry 210 of 268

File: USPT

May 20, 1997

US-PAT-NO: 5631202

DOCUMENT-IDENTIFIER: US 5631202 A

TITLE: Stereospecific metallocene catalysts with stereolocking .alpha.-CP substituents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 211. Document ID: US 5629254 A

L7: Entry 211 of 268

File: USPT

May 13, 1997

US-PAT-NO: 5629254

DOCUMENT-IDENTIFIER: US 5629254 A

TITLE: Substituted indenyl ring containing metallocene catalyst for propylene polymerization process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 212. Document ID: US 5602067 A

L7: Entry 212 of 268

File: USPT

Feb 11, 1997

US-PAT-NO: 5602067

DOCUMENT-IDENTIFIER: US 5602067 A

TITLE: Process and a catalyst for preventing reactor fouling

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 213. Document ID: US 5599761 A

L7: Entry 213 of 268

File: USPT

Feb 4, 1997

US-PAT-NO: 5599761

DOCUMENT-IDENTIFIER: US 5599761 A

TITLE: Ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 214. Document ID: US 5596052 A

L7: Entry 214 of 268

File: USPT

Jan 21, 1997

US-PAT-NO: 5596052

DOCUMENT-IDENTIFIER: US 5596052 A

TITLE: Atactic polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 215. Document ID: US 5571619 A

L7: Entry 215 of 268

File: USPT

Nov 5, 1996

US-PAT-NO: 5571619

DOCUMENT-IDENTIFIER: US 5571619 A

TITLE: Fibers and oriented films of polypropylene higher .alpha.-olefin copolymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 216. Document ID: US 5556997 A

L7: Entry 216 of 268

File: USPT

Sep 17, 1996

US-PAT-NO: 5556997

DOCUMENT-IDENTIFIER: US 5556997 A

TITLE: Enhanced synthesis of racemic metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 217. Document ID: US 5525678 A

L7: Entry 217 of 268

File: USPT

Jun 11, 1996

US-PAT-NO: 5525678

DOCUMENT-IDENTIFIER: US 5525678 A

TITLE: Process for controlling the MWD of a broad/bimodal resin produced in a single reactor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 218. Document ID: US 5521265 A

L7: Entry 218 of 268

File: USPT

May 28, 1996

US-PAT-NO: 5521265

DOCUMENT-IDENTIFIER: US 5521265 A

TITLE: Metallocenes and their use for olefin polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 219. Document ID: US 5504048 A

L7: Entry 219 of 268

File: USPT

Apr 2, 1996

US-PAT-NO: 5504048

DOCUMENT-IDENTIFIER: US 5504048 A

TITLE: Addition of lithium compounds to Ziegler-Natta catalysts for increased molecular weight in polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 220. Document ID: US 5498809 A

L7: Entry 220 of 268

File: USPT

Mar 12, 1996

US-PAT-NO: 5498809

DOCUMENT-IDENTIFIER: US 5498809 A

TITLE: Polymers derived from ethylene and 1-butene for use in the preparation of lubricant dispersant additives

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 221. Document ID: US 5476914 A

L7: Entry 221 of 268

File: USPT

Dec 19, 1995

US-PAT-NO: 5476914

DOCUMENT-IDENTIFIER: US 5476914 A

TITLE: Syndiotactic polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 222. Document ID: US 5473028 A

L7: Entry 222 of 268

File: USPT

Dec 5, 1995

US-PAT-NO: 5473028

DOCUMENT-IDENTIFIER: US 5473028 A

TITLE: Process and a catalyst for preventing reactor fouling

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 223. Document ID: US 5470927 A

L7: Entry 223 of 268

File: USPT

Nov 28, 1995

US-PAT-NO: 5470927

DOCUMENT-IDENTIFIER: US 5470927 A

TITLE: Ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 224. Document ID: US 5468440 A

L7: Entry 224 of 268

File: USPT

Nov 21, 1995

US-PAT-NO: 5468440

DOCUMENT-IDENTIFIER: US 5468440 A

TITLE: Process of making oriented film or structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 225. Document ID: US 5459117 A

L7: Entry 225 of 268

File: USPT

Oct 17, 1995

US-PAT-NO: 5459117

DOCUMENT-IDENTIFIER: US 5459117 A

TITLE: Doubly-conformationally locked, stereorigid catalysts for the preparation of tactiospecific polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 226. Document ID: US 5457171 A

L7: Entry 226 of 268

File: USPT

Oct 10, 1995

US-PAT-NO: 5457171

DOCUMENT-IDENTIFIER: US 5457171 A

TITLE: Catalyst systems for the polymerization of C.sub.2 -C.sub.10 -alkenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 227. Document ID: US 5449651 A

L7: Entry 227 of 268

File: USPT

Sep 12, 1995

US-PAT-NO: 5449651

DOCUMENT-IDENTIFIER: US 5449651 A

TITLE: Metallocene compound for a catalyst component with good catalyst efficiency after aging

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 228. Document ID: US 5444134 A

L7: Entry 228 of 268

File: USPT

Aug 22, 1995

US-PAT-NO: 5444134

DOCUMENT-IDENTIFIER: US 5444134 A

TITLE: Process for producing olefin based polymers and olefin polymerization catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 229. Document ID: US 5441920 A

L7: Entry 229 of 268

File: USPT

Aug 15, 1995

US-PAT-NO: 5441920

DOCUMENT-IDENTIFIER: US 5441920 A

TITLE: Silicon-bridged transition metal compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 230. Document ID: US 5427991 A

L7: Entry 230 of 268

File: USPT

Jun 27, 1995

US-PAT-NO: 5427991

DOCUMENT-IDENTIFIER: US 5427991 A

TITLE: Polyionic transition metal catalyst composition

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 231. Document ID: US 5416228 A

L7: Entry 231 of 268

File: USPT

May 16, 1995

US-PAT-NO: 5416228

DOCUMENT-IDENTIFIER: US 5416228 A

TITLE: Process and catalyst for producing isotactic polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 232. Document ID: US 5395810 A

L7: Entry 232 of 268

File: USPT

Mar 7, 1995

US-PAT-NO: 5395810

DOCUMENT-IDENTIFIER: US 5395810 A

TITLE: Method of making a homogeneous-heterogenous catalyst system for olefin polymerization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 233. Document ID: US 5391789 A

L7: Entry 233 of 268

File: USPT

Feb 21, 1995

US-PAT-NO: 5391789

DOCUMENT-IDENTIFIER: US 5391789 A

TITLE: Bridged, chiral metallocenes, processes for their preparation and their use as catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 234. Document ID: US 5387568 A

L7: Entry 234 of 268

File: USPT

Feb 7, 1995

US-PAT-NO: 5387568

DOCUMENT-IDENTIFIER: US 5387568 A

TITLE: Preparation of metallocene catalysts for polymerization of olefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 235. Document ID: US 5384299 A

L7: Entry 235 of 268

File: USPT

Jan 24, 1995

US-PAT-NO: 5384299

DOCUMENT-IDENTIFIER: US 5384299 A

TITLE: Ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 236. Document ID: US 5369196 A

L7: Entry 236 of 268

File: USPT

Nov 29, 1994

US-PAT-NO: 5369196

DOCUMENT-IDENTIFIER: US 5369196 A

TITLE: Production process of olefin based polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 237. Document ID: US 5349032 A

L7: Entry 237 of 268

File: USPT

Sep 20, 1994

US-PAT-NO: 5349032

DOCUMENT-IDENTIFIER: US 5349032 A

TITLE: Metallocene and process for producing polyolefin using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 238. Document ID: US 5334684 A

L7: Entry 238 of 268

File: USPT

Aug 2, 1994

US-PAT-NO: 5334684

DOCUMENT-IDENTIFIER: US 5334684 A

TITLE: .alpha.-olefin-alkenylsilane copolymer and method for preparing same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 239. Document ID: US 5334677 A

L7: Entry 239 of 268

File: USPT

Aug 2, 1994

US-PAT-NO: 5334677

DOCUMENT-IDENTIFIER: US 5334677 A

TITLE: Process for producing syndiotactic polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 240. Document ID: US 5329031 A

L7: Entry 240 of 268

File: USPT

Jul 12, 1994

US-PAT-NO: 5329031

DOCUMENT-IDENTIFIER: US 5329031 A

TITLE: Metallocene and process for producing polyolefin using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 241. Document ID: US 5317036 A

L7: Entry 241 of 268

File: USPT

May 31, 1994

US-PAT-NO: 5317036

DOCUMENT-IDENTIFIER: US 5317036 A

TITLE: Gas phase polymerization reactions utilizing soluble unsupported catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KVMC

☐ 242. Document ID: US 5314973 A

L7: Entry 242 of 268

File: USPT

May 24, 1994

US-PAT-NO: 5314973

DOCUMENT-IDENTIFIER: US 5314973 A

TITLE: Silicon-bridged transition metal compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 243. Document ID: US 5308817 A

L7: Entry 243 of 268

File: USPT

May 3, 1994

US-PAT-NO: 5308817

DOCUMENT-IDENTIFIER: US 5308817 A

TITLE: Metallocene catalyst component with good catalyst efficiency after aging

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 244. Document ID: US 5225500 A

L7: Entry 244 of 268

File: USPT

Jul 6, 1993

US-PAT-NO: 5225500

DOCUMENT-IDENTIFIER: US 5225500 A

TITLE: Process and catalyst for producing syndiotactic polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 245. Document ID: US 5198401 A

L7: Entry 245 of 268

File: USPT

Mar 30, 1993

US-PAT-NO: 5198401

DOCUMENT-IDENTIFIER: US 5198401 A

TITLE: Ionic metallocene catalyst compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 246. Document ID: US 5155080 A

L7: Entry 246 of 268

File: USPT

Oct 13, 1992

US-PAT-NO: 5155080

DOCUMENT-IDENTIFIER: US 5155080 A

TITLE: Process and catalyst for producing syndiotactic polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 247. Document ID: US 5132262 A

L7: Entry 247 of 268

File: USPT

Jul 21, 1992

US-PAT-NO: 5132262

DOCUMENT-IDENTIFIER: US 5132262 A

TITLE: Soluble catalyst systems for the polymerization of C.sub.2 - to C.sub.10
-alk-1-enes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 248. Document ID: US 5120867 A

L7: Entry 248 of 268

File: USPT

Jun 9, 1992

US-PAT-NO: 5120867

DOCUMENT-IDENTIFIER: US 5120867 A

TITLE: Silicon-bridged transition metal compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 249. Document ID: US 5017714 A

L7: Entry 249 of 268

File: USPT

May 21, 1991

US-PAT-NO: 5017714

DOCUMENT-IDENTIFIER: US 5017714 A

TITLE: Silicon-bridged transition metal compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 250. Document ID: US 4975403 A

L7: Entry 250 of 268

File: USPT

Dec. 4, 1990

US-PAT-NO: 4975403

DOCUMENT-IDENTIFIER: US 4975403 A

TITLE: Catalyst systems for producing polyolefins having a broad molecular weight
distribution

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 251. Document ID: US 4931417 A

L7: Entry 251 of 268

File: USPT

Jun 5, 1990

US-PAT-NO: 4931417

DOCUMENT-IDENTIFIER: US 4931417 A

TITLE: Transition-metal compound having a bis-substituted-cyclopentadienyl ligand of bridged structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 252. Document ID: US 4892851 A

L7: Entry 252 of 268

File: USPT

Jan 9, 1990

US-PAT-NO: 4892851

DOCUMENT-IDENTIFIER: US 4892851 A

TITLE: Process and catalyst for producing syndiotactic polyolefins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 253. Document ID: WO 200127124 A1 CN 1327448 A EP 1138687 A1 KR 2001086089 A

L7: Entry 253 of 268

File: DWPI

Apr 19, 2001

DERWENT-ACC-NO: 2001-281967

DERWENT-WEEK: 200226

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TITLE: New metallocene compounds used in production of olefin polymerization catalysts having high activity for producing isotactic polymers, e.g. polypropylene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KMIC

☐ 254. Document ID: JP 10287693 A

L7: Entry 254 of 268

File: DWPI

Oct 27, 1998

DERWENT-ACC-NO: 1999-018381

DERWENT-WEEK: 199906

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TITLE: New metallocene complex containing silicon or germanium and zirconium, titanium or hafnium - used as catalyst in the production of isotactic polyolefin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KMIC

☐ 255. Document ID: JP 10259143 A

L7: Entry 255 of 268

File: DWPI

Sep 29, 1998

DERWENT-ACC-NO: 1998-577009

DERWENT-WEEK: 199902

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TITLE: Purification of metallocene used in polymerisation of alpha-olefin - by irradiating light onto solution or suspension containing metallocene as mixture of diastereomers to convert part into separable compound, then separating desired diastereomer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 256. Document ID: WO 9731040 A1 EP 882078 A1 CN 1211998 A EP 882078 B1 DE 69701676 E ES 2144849 T3 KR 99087170 A JP 2001500574 W

L7: Entry 256 of 268

File: DWPI

Aug 28, 1997

DERWENT-ACC-NO: 1997-435104

DERWENT-WEEK: 199740

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TITLE: Improved nonwoven fabric consisting of polymeric strands - comprises polypropylene which has specified amount of isotactic pentads when produced by catalyst systems comprising two metallocenes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 257. Document ID: EP 790076 A2 ES 2169288 T3 EP 790076 B1 DE 59310245 G

L7: Entry 257 of 268

File: DWPI

Aug 20, 1997

DERWENT-ACC-NO: 1997-404581

DERWENT-WEEK: 200253

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TITLE: Catalysts for olefin! polymerisation with very high molecular weights - contain bridged metallocene with aryl-substituted indene ligands and aluminoxane co-catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 258. Document ID: WO 9532242 A1 CN 1151172 A EP 760833 A1 JP 10503789 W KR 97703390 A MX 9605834 A1

L7: Entry 258 of 268

File: DWPI

Nov 30, 1995

DERWENT-ACC-NO: 1996-020550

DERWENT-WEEK: 200131

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TITLE: Isotactic copolymer of propylene@! and a higher alpha-olefin! article - prepd. using metallocene silicon bridged catalyst system, for fibre or food container, with higher cold flow resistance and greater strength

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 259. Document ID: WO 9532235 A1 ES 2158107 T3 EP 760828 A1 JP 10500720 W KR 97703381 A MX 9605833 A1 EP 760828 B1 CN 1152324 A DE 69521044 E

L7: Entry 259 of 268

File: DWPI

Nov 30, 1995

DERWENT-ACC-NO: 1996-020544

DERWENT-WEEK: 200161

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TITLE: Heat seal prodn. for sealable layer of films and packaging articles - by using film of copolymer of propylene@! and comonomer prepd. by silicon-bridged metallocene catalyst and heating, for low temp. sealing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 260. Document ID: EP 611795 A1 JP 3204424 B2 JP 06240041 A US 5468781 A EP 611795 B1 DE 69401285 E SG 48131 A1

L7: Entry 260 of 268

File: DWPI

Aug 24, 1994

DERWENT-ACC-NO: 1994-265394

DERWENT-WEEK: 200152

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TITLE: Polypropylene@ resin expanded particles for expanded moulded prods. - comprises isotactic polypropylene@ resin polymerised in the presence of metallocene polymerisation catalyst.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 261. Document ID: EP 588404 A2 CZ 288579 B6 CA 2104634 A CZ 9301826 A3 FI 9303923 A BR 9303781 A JP 06184216 A SK 9300911 A3 HU 66777 T EP 588404 A3 TW 259795 A IT 1255365 B EP 588404 B1 DE 69311657 E HU 212438 B ES 2105081 T3 RU 2118329 C1 SK 280679 B6 MX 188231 B US 6127305 A

L7: Entry 261 of 268

File: DWPI

Mar 23, 1994

DERWENT-ACC-NO: 1994-094016

DERWENT-WEEK: 200147

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TITLE: Supported alpha-olefin! polymerisation catalyst - prepd. by contacting an organo:magnesium cpd. with silicon or tin halide to make carrier, which is contacted with metallocene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 262. Document ID: FI 110103 B1 EP 584609 A2 AU 9344591 A CA 2104036 A FI 9303573 A ZA 9305924 A JP 06157662 A EP 584609 A3 AU 666565 B TW 309524 A US 5672668 A US 5693836 A EP 584609 B1 DE 59309424 G ES 2128371 T3 US 6028152 A KR 283825 B US 6359095 B1 KR 301337 B

L7: Entry 262 of 268

File: DWPI

Nov 29, 2002

DERWENT-ACC-NO: 1994-067198

DERWENT-WEEK: 200303

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TITLE: Olefin! polymerisation catalyst - comprises special cyclic metallocene in pure meso form or as rac:meso mixt., with aluminoxane co-catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 263. Document ID: EP 574597 A1 KR 293042 B AU 9340181 A CA 2098258 A ZA 9304148 A JP 06122692 A TW 223645 A US 5391790 A AU 664896 B US 5616747 A EP 574597 B1 DE 69224184 E ES 2113900 T3 EP 574597 B2

L7: Entry 263 of 268

File: DWPI

Dec 22, 1993

DERWENT-ACC-NO: 1993-407036

DERWENT-WEEK: 200243

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TITLE: Bridged chiral metallocene(s) bis:indenyl catalysts - prepd.by heterogeneous reaction in aliphatic or aromatic hydrocarbon solvts, useful in the prepn. of polyolefin(s)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 264. Document ID: EP 485820 A2 JP 3143174 B2 AU 9187761 A CA 2055220 A ZA 9108924 A JP 04268308 A US 5239022 A AU 640288 B EP 485820 A3 EP 485820 B1 DE 59108100 G ES 2093058 T3 JP 11209420 A

L7: Entry 264 of 268

File: DWPI

May 20, 1992

DERWENT-ACC-NO: 1992-168462

DERWENT-WEEK: 200116

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TITLE: Olefin! hydrocarbon cpds. polymerisation - using catalyst compsn. with aluminoxane and metallocene with ligand contg. 2-substd.-4,5,6,7-tetra:hydro-1-indenyl gps.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

☐ 265. Document ID: DE 3916553 A US 6225425 B1 EP 399347 A CA 2017192 A AU 9055772 A JP 03009913 A ZA 9003829 A EP 399347 B1 DE 59010446 G ES 2093003 T3 JP 2988962 B2 US 6197902 B1

L7: Entry 265 of 268

File: DWPI

Nov 22, 1990

DERWENT-ACC-NO: 1990-355579

DERWENT-WEEK: 200126

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TITLE: Syndio-isoblock polymers of 1-olefin cpds. are prepd. - using as catalyst specific bridged chiral metallocene cpds. with aluminoxane cpds.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWMC

☐ 266. Document ID: CA 1341404 C AU 8931478 A NO 8901209 A DK 8901379 A EP 344887 A BR 8901277 A PT 90048 A FI 8901310 A JP 02131488 A HU 53114 T US 5017714 A US 5120867 A CS 8901726 A2 US 5314973 A US 5441920 A JP 2775058 B2 JP 10218889 A KR 175921 B1 JP 3117078 B2

L7: Entry 266 of 268

File: DWPI

Dec 3, 2002

DERWENT-ACC-NO: 1989-332591

DERWENT-WEEK: 200306

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TITLE: Silicon bridged chiral metallocene cpd. - useful as alpha-olefin polymerisation catalysts giving high iso:tacticity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWMC

☐ 267. Document ID: DE 3808268 A JP 2854014 B2 EP 336128 A AU 8931223 A ZA 8901802 A JP 01275609 A EP 336128 B1 DE 58903372 G CA 1319784 C ES 2039726 T3 US 5679812 A EP 336128 B2

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File: DWPI

Sep 21, 1989

DERWENT-ACC-NO: 1989-279096

DERWENT-WEEK: 199910

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TITLE: Isotactic polyolefin(s) prodn. - by (co)polymerisation of alpha-olefin in the presence of metallocene catalysts activated with linear or cyclic aluminoxane

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWMC

☐ 268. Document ID: DE 3808267 A JP 2854013 B2 EP 336127 A AU 8931222 A ZA
8901801 A JP 01275608 A EP 336127 B1 DE 58903308 G CA 1319785 C ES 2046349 T3 EP
336127 B2 US 5679811 A

L7: Entry 268 of 268

File: DWPI

Sep 21, 1989

DERWENT-ACC-NO: 1989-279095

DERWENT-WEEK: 199910

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TITLE: Isotactic polyolefin(s) prodn. - by polymerisation of alpha-olefin in presence
of hafnium metallocene catalyst activated with aluminoxane

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

RMC

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